

USSR / Farm Animals. Cattle.

Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7307

Author : Boldyreva, L. V.; Goryunova, V. K.; Kus'mina,
L. N.

Inst : Penza Institute of Agriculture

Title : The Contents of Vitamin C in the Colostrum
Depending upon Individual Properties of the
Animals and the Number of Calvings

Orig Pub : Sb. stud. nauchn. rabot. Penzensk. s.-kh.
in-t, 1956, vyp. 1, 85-94

Abstract : No abstract given

Card 1/1

BOLDYREVA, M.M.

Zonal structure of some ore bodies in the Pereval'noye deposit
(western Kara-Mazar Mountains). Vest.LGU no.24:17-25 '62.

(Kara-Mazar Mountains—Ore deposits)

(MIRA 16:2)

BOLDYREVA, M.M.

Relationship between magnetite and hematite with sulfides
in the ores of the Pereval'noye deposit (western Karamazar
Mountains). Vest. LGU 19 no.12:38-44 '64 (MIRA 1738)

BOLDYREVA, M.M.; CHERNYSHEVA, V.F.

X-ray study of galenites from the Pereval'noye deposit (western Karamazar). Vest.LGU 20 no.12:34-38 '65.

(MIRA 18:8)

INDEYKINA, T.A.; BOLDYREVA, M.V.

Refining of sunflower seed oil with sodium silicate. Masl.-
zhir. prom. 29 no.10:33-35 0 '63. (MIRA 16:12)

1. Millerovskiy masloekstraktsionnyy zavod.

BOLDYREVA, N.A.; KAPLAN, S.N.

Calculation of the atmospheric pollution in the area of a planned state regional electric power station. Trudy Len.gidromet.inst. no.18:135-150 '63.
(MIRA 18:1)

Isoldyeva, N. I.

1. Preparation and properties of synthetic cis-polyisoprene.
 I. Isoldyeva, B. A. Delgorok, L. S. Ivanova, V. A. Krol, and V. N. Rukh. *Khim. Nauka i Progn.* 2, 391-2 (1957). — Isoprene was polymerized with EtAlCl_2 . Grosse, et al., *C.A.* 34, 3236² and TiCl_4 catalysts. A soln. of isoprene (20-25 vol.-%) in C_4H_8 was treated with the catalyst, 0.3-0.5 wt.-%, based on monomer, 5-6 hrs.; starting at room temp., the temp. rose to 40-60°. The product was washed with EtOH and dried on rollers. The x-ray diagrams of stretched resin polymerized 20 min. at 143° showed reflexes of the far order. The infrared spectra showed the presence of 4-6% 3,4 links, 2-3% 1,2 links, and more than 90% 1,4-cis links. The temp. of vitrification varied between -67 and -75°. The phys. properties and the workability of the polymer were similar to those of natural rubber. I. Benoit-72

1 HEAC (V) - 1 } E
 2 - 2 } 4
 4/2/10 - 1)

11
 RM

SMIRNOV, Nikolay Nikolayevich; BOLDYREVA, N.N., otv. red.

[Manual on gathering and procuring medicinal and industrial plants of Siberia and the Far East] Pamiatka zagotoviteliu i sborshchiku lekarstvenno-tekhnicheskogo syr'ia Sibiri i Dal'nego Vostoka. Omsk, Omskii otdel Vses. geogr. ob-va, 1961. 105 p.

(MIRA 14:9)

(SIBERIA—BOTANY, MEDICAL) (SIBERIA—BOTANY, ECONOMIC)

PROCESS AND PROPERTY INDEX

117

Amount of phosphorus compounds in the brains of various animals. N. V. Boldyreva. *Biochemistry* 2, 210-29(1967). -- As a rule, the amt. of lipid P is greater in males than in females. The lipid P content of the nerve centers of invertebrates is less than in the brains of vertebrates. Inorg. P and phosphagen (I) is present in greater amounts in males than in females, the exception is the chicken, which contains more I than the rooster. The nerve centers of the snail and the brain of the tortoise possess the smallest quantities of I. This is not typical of invertebrates, as in the cockroach the content of I is even higher than in several vertebrates. There is no sharp difference in the amt. of protein P found in vertebrates and invertebrates. Birds have comparatively small quantities of protein P, whereas fish possess considerable quantities of it. B. C.

BIOLOGICAL LITERATURE CLASSIFICATION

117

PROCESSES AND PROPERTIES INDEX																									
11 F																									
Ca Relation between phosphorus compounds of the brain and external biological conditions of the animal. N. V. Boldyrev. <i>Biokhimiya</i> 2, 643-8 (1957); cf. C. A. 31, 1485. — The total P content in the frog brain is fairly const. throughout the year, but the various fractions (lipoid, protein and inorg. plus phosphagen P) change with the season. The growth of the rabbit is accompanied by an increase in the lipoid and inorg. P plus phosphagen in the brain, and a decrease of protein P. From the second year on, the protein P somewhat increases. The total brain P is a little higher in young rabbits. H. Cohen																									
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																									

CIA-RDP86-00513R000206110019-1"

116

Ca

Phosphorus and calcium metabolism in the Kashin-Bek disease. N. V. Baidarova, E. D. Vyshepan and S. M. Bychkov. *Arch. 1987, 60, (U.S.S.R.) 60, No. 2, 11-15 (in English, 15) (1980).*—In children, affected or unaffected with the Kashin-Bek (uror) disease, in endemic districts the P and Ca balance is close to equal. In these districts the food is low in Ca, causing an improper Ca:P totals ratio. The Ca and P content of the blood is unaffected by the disease. T. Laanes

ABSTRACT METALLURGICAL LITERATURE CLASSIFICATION

FROM SUMMARY

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REPORT #

CLASSIFICATION

DATE

BY

REMARKS

BOLDYREVA, N. V.

MD

✓ Action of various regions of ultraviolet spectrum on D-amino acid oxidase. N. V. Boldyreva. *Doklady Akad. Nauk S.S.S.R.* 105, 1293-5 (1965). — D-Amino acid oxidase from swine kidney (cf. Negelein and Brömel, *C.A.* 33, 4277) was subjected to action of short and long-wave regions of the ultraviolet. No action under any conditions was observed with the short-wave end of the spectrum (a lamp with 85% emission at 254 mμ). The long-wave region (Hg lamp with glass and water filter, cutoff 297 mμ) even in 15 min. reduced the enzyme activity and stopped it in longer exposures. The latter expt. showed the action of ultraviolet on the prosthetic group and not on the protein complex. G. M. Kosolapoff

Predstavleno akademikom L. S. Shtern.

BOLDYREVA, N.V.

Biochemistry of helminths. Trudy Gel'm.lab. 8:5-20 '56.(MLRA 9:8)
(Worms, Intestinal and parasitic)

BOLDYREVA, N.V.

Using tagged atoms in helminthology. Trudy Gel'm.lab. 8:21-30
'56. (MLRA 9:8)
(Helminthology) (Radioactive tracers)

BOLDYREVA, N.V.

Some phosphorus compounds in the pectoral muscle of chicks infested with ascarids. Significance of metabolic products of *Ascaridia galli* (Schrank, 1788). Trudy Gel'm. lab. 10:68-70 '60.

(MIRA 13:7)

(ASCARIDS AND ASCARIASIS) (PHOSPHORUS IN THE BODY MUSCLE)

*KOLDIREVA, U. D.

Dissertation: "Myelograms of the Iliac Punctate of Bone Marrow in Women in the Case of Physiological Pregnancy and Blood Losses."

12 Apr. 49

Central Institute for the Advanced Training of Physicians

SO Vecheryaya Moskva
Sum 71

BOLDYREVA, O.D.; MAKAROV, M.S.

Variation of bone marrow puncture. Sovet. med. no.9:31-32
Sept 1950. (CLML 20:1)

1. Of the Obstetric-Gynecological Clinic (Head -- Prof. Ye.
Ya. Stavskaya) and of the Clinic of Hospital Surgery (Head --
Prof. P. M. Kovalevskiy), Stavropol' Medical Institute (Director
-- P. V. Polosin).

BOLDYREVA, O.D., kandidat meditsinskikh nauk

Lateral rotation in transverse presentation of the fetus. Akush.
i gfg. 33 no.2:30-32 Mr-Apr '56. (MLRA 9:7)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. V.I.Zdravomyslov)
Stavropol'skogo meditsinskogo instituta.

(LABOR, PRESENTATION
transverse, external rotation)

BOLDYREVA, O. D., dotsent, kand. med. nauk

Morphological composition of the blood and bone marrow in cancer
of the female genital organs. Akush. i gin. 38 no.3:60-64
My-Je '62. (MIRA 15:6)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A. A.
Nikol'skaya) Stavropol'skogo meditsinskogo instituta.

(GENERATIVE ORGANS, FEMALE--CANCER) (MARROW)
(BLOOD CELLS)

BOLDYREVA, O.D., dotsent

Characteristics of the hemograms and myelograms of patients
in different stages of cancer of the uterus and the ovaries.
Uch. zap. Stavr. gos. med. inst. 12:280-281 '63.

(MIRA 17:9)

1. Kafedra akusherstva i ginekologii (zav. prof. A.A. Nikol'skaya)
Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

BOLDYREVA, O.D., dotsent

Cytological study of the blood and bone marrow of oncological patients in the process of radiotherapy. Uch. zap. Stavr. gos. med. inst. 12:305-306 '63. (MIRA 17:9)

1. Kafedra akusherstva i ginekologii (zav. prof. A.A. Nikol'skaya) Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

BOLDYREVA, T.M., otv. red.; POKROVSKAYA, I.M., red.izd-va;
MAKSIMOVA, V.V., tekhn. red.

[Unified production standards for coal mining operations;
stoping and transportation of timbering materials] Edinye
normy vyrabotki na gornye raboty dlia ugol'nykh shakht;
ochistnye raboty i dostavka krepezhnykh materialov. Mo-
skva, Gosgortekhzdat, 1963. 254 p. (MIRA 17:4)

1. Moscow. TSentral'noye byuro promyshlennykh normativov po
trudu.

VISHNEVSKAYA, I.I., kandidat meditsinskikh nauk; BOLDYREVA, V.V.

Experience of the Kalinin Province Public Health Department in the organization of the work of the feldsher-midwife centers and in the advanced training of subprofessional medical personnel. Zdrav. Ros. Feder. 4 no.2:37-40 P '60. (MIRA 13:5)

1. Iz Instituta organizatsii zdavookhraneniya i istorii meditsiny imeni N.A. Semashko i Kalininskoy oblastnoy bol'nitsy (glavnyy vrach A.A. Sokolov).

(KALININ PROVINCE--MEDICINE--STUDY AND TEACHING)

(KALININ PROVINCE--PUBLIC HEALTH)

VARFOLOMEYEVA, Ye.K.; BOTOVA, A.S.; NIKOLAYEV, N.I.; BOLDYREVA, T.P.;
KARPUKHINA, T.V.

Demonstration experiment on the subject "Properties of water."
Khim. v shkole 15 no.6:68-70 N-D '60. (MIRA 13:11)

1. Pedagogicheskiy institut, g.Ul'yanovsk.
(Water--Study and teaching)

BOLDYREVA, V.V.

Certification of the directors of independent feldsher-medwife
centers in Kalinin Province. Zdrav. Ros. Feder. 5 no.1:25-28
Ja '61. (MIRA 14:1)

1. Iz Kalininskogo oblzdravotdela.
(KALININ PROVINCE--MEDICAL PERSONNEL)

41193

S/194/62/000/007/005/160
D222/D309

9.7/60

AUTHORS: Boldyreva, Z.V., and Roslyakov, G.S. .

TITLE: Block for address-modification and restoration

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, .
no. 7, 1962, abstract 7-1-18 1 (In collection: Sistema
avtomatiz. programmirovaniya, M., Fizmatgiz, 1961,
111 - 124)

TEXT: The properties of the operators for forming, restoring and
address-modification in the programming program written at the Vy-
chislitel'nyy tsentr MGU (Computer Center, MGU) for the Стрела
(Strela) computer are examined. The properties of the restoration
operator are as follows: a) Restoration is done according to a para-
meter; b) each operator restores only with respect to the basic pa-
rameter; c) the operating region of each operator can consist of
separate parts of the scheme in each of which instructions of a cer-
tain type are restored, characterized by a set of excluded parame-
ters. These features apply equally to the operators of address modi-
fication and forming. The description of operators in the logical
Card 1/2

Block for address-modification and ...

S/194/62/000/007/005/160
D222/D309

program scheme is given. For example, a description of the form $F(i_1 N_1 N_2 \rightarrow N_3 i_2 N_4 i_2 i_3 N_5 N_6 \leftrightarrow N_7 N_8)$ denotes: modify the address in N_1 and also in all operators between N_2 and N_3 , including N_2 , all instructions which depend on L_1 ; in N_4 modify the address in all instructions dependent on i_1 but independent of L_2 , and so on. The table showing the dependence of the quantities on the parameters, which is part of the initial information supplied to the programming program, is briefly described. The algorithms for the construction of operators of restoration, address-modification and forming are given. The latter is realized by means of two operations - restoration and address-modification. [Abstracter's note: Complete translation.]

Card 2/2

BOLDYSHEV, A.M.

Calculation of the effect of rim elements on the functioning of
cylindrical shells. Sbor. nauch. trud. TISI 8:69-71 '61.

(MIRA 15:1)

1. Tomskiy inzhenerno-stroitel'nyy institut, kafedra stroitel'nykh
konstruktsiy.

(Roofs, Shell)

BOLDYSHEV, A.M., assistant

Design of hyperbolic paraboloid shells according to the momentless theory. Sbor. nauch. trud. TISI 8:72-79 '61. (MIRA 15:1)

1. Tomskiy inzhenerno-stroitel'nyy institut, kafedra stroitel'nykh konstruktsiy.

(Roofs, Shell)

BOLDYSHEV, A.M.; BARTENEV, V.S., kand. tekhn. nauk, nauchnyy rukovoditel' raboty

Joint performance of orthotropic shells of double curvature
with border elements. Trudy TISI 11:24-36 '64.

Experimental study of a model of a reinforced concrete ortho-
tropic shell of double curvature. Ibid.:37-49

(MIRA 19:1)

PALASTIN, L.M., kand.tekhn.nauk; KOROLIKHIN, V.I., inzh.; BOLDYSHEV, A.V.,
inzh.; PETRAKOV, M.D., inzh.; FEDOROV, V.S., inzh.

Salient pole synchronous generators with mixed excitation. Vest.
elektroprom. 33 no.8:17-23 Ag '62. (MIRA 15:7)
(Electric generators)

S/185/63/008/001/005/024
D234/D308

AUTHOR: Boldyshev, V. F.

TITLE: Internal conversion of an electric multipole in Born's approximation

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 8, no. 1, 1963, 31-35

TEXT: Using zero approximation of the solution of Dirac's equation in spherical coordinates the author proves that the formula of Dankoff and Morrison (Phys. Rev., v. 55, 122, 1939) is incorrect; the author's formula is:

$$B_L^{(1)} = 2\alpha(\alpha Z)^3 \frac{m}{\omega} \left(\frac{\omega + 2m}{\omega} \right)^{L - \frac{1}{2}} \frac{(L+1)\omega^2 + 4L(\omega + m)^2}{(L+1)\omega^2}$$

Card 1/2

Internal conversion of ...

S/185/63/008/001/005/024
D234/D308

The error is due to an incorrect choice of the wave function of the electron in the continuous spectrum.

ASSOCIATION: Kharkivs'kyi derzhuniversytet im. O. M. Hor'koho
(Kharkiv State University im. A. M. Gor'kiy)

SUBMITTED: June 23, 1962

Card 2/2

S/056/63/044/002/048/065
B108/B186

AUTHOR: Boldyshev, V. F.

TITLE: Theory of internal conversion of gamma radiation

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 44,
no. 2, 1963, 717 - 727

TEXT: The coefficients of internal conversion are calculated using an approximate wave function of the electron (W. Furry. Phys. Rev., 46, 391, 1934; A. Sommerfeld, A. Maue. Ann. der Phys., 22, 629, 1935), and considering terms of an order of αZ (Z - atomic number, α - fine structure constant). Closed expressions for the coefficients for both electric and magnetic type of radiation are obtained with an accuracy of the order of αZ for the K-shell.

ASSOCIATION: Fiziko-tekhnicheskij institut Akademii nauk Ukrainskoy SSR
(Physicotechnical Institute of the Academy of Sciences of the
Ukrainskaya SSR)

SUBMITTED: September 18, 1962
Card 1/1

ACCESSION NR: AP4042378

S/0056/64/047/001/0113/0115

AUTHOR: Boldy*shev, V. F.

TITLE: Contribution to the theory of angular correlation of internal-conversion electrons

SOURCE: Zh. eksper. i teor. fiz., v. 47, no. 1, 1964, 113-115

TOPIC TAGS: internal conversion, angular correlation, multipolarity, wave function, electron transition

ABSTRACT: In view of the fact that earlier methods (for example, L. C. Biedenharn and M. E. Rose, Rev. Mod. Phys. v. 25, 729, 1953) are cumbersome and cannot yield exact results without numerical integration, the author calculates the probability of correlation of the conversion-electron directions for pure multipole transitions using approximate Furry-Sommerfeld-Maue electron wave functions (W. Furry, Phys. Rev. v. 46, 391, 1934; A. Sommerfeld and A. Maue, Ann. der Physik, v. 22, 629, 1935). The use of these functions yields, by simple means, results whose accuracy is determined by the inequality $(\alpha Z)^2 \ll 1$ (α is the fine-structure constant and Z , nuclear charge). It is pointed out that if the computational error is cancelled

Cord 1/2

ACCESSION NR: AP4042378

out because the correlation function depends only on the ratio of the transverse and longitudinal parts of the polarization sum, then the accuracy of the result may turn out to be higher than the accuracy of the employed matrix elements, in view of the possible cancellation of the computational error in some of the ratios. "In conclusion, I am grateful to A. I. Akhiezer for interest in the work and for valuable discussions." Orig. art. has: 8 formulas.

ASSOCIATION: Fiziko-tekhnicheskiy institut Akademii nauk Ukrainskoy SSR
(Physicotechnical Institute, Academy of Sciences, Ukrainian SSR)

SUBMITTED: 20Jul63

ENCL: 00

SUB CODE: NP

NO REF SOV: 001

OTHER: 003

Card 2/2

BOLDYSHEV, V.F.

Correlation of directions of pair conversion positions. Ukr.
fiz. zhur. 10 no.7:697-707 J1 '65. (MIRA 18:8)

1. Fiziko-tekhnicheskij institut AN UkrSSR, Khar'kov.

L 2699-66 EWT(1)/EPA(w)-2/EWA(m)-2 IJP(c) AT

ACCESSION NR: AP5024123

UR/0185/65/010/009/0929/0937

AUTHOR: Boldyshev, V. F. 44, 55

TITLE: Correlation of the directions of internal conversion electrons in the Furry-Sommerfeld-Maue approximation

SOURCE: Ukrayins'kyi fizychnyy zhurnal, v. 10, no. 9, 1965, 929-937

TOPIC TAGS: electron, electron shell, electron energy level, nuclear spin, parity principle, electron transition

ABSTRACT: The correlation of the direction of conversion electrons during cascade transitions is determined by the so-called conversion parameters; the knowledge of these correlations may yield information concerning the spin and parity of nuclei. Consequently, the conversion parameters for K-shell conversion during pure multipole transitions are calculated using a special form of the nuclear intermediate state density matrix. The nuclear Coulomb field is taken into account approximately by using the Furry-Sommerfeld-Maue electron wave functions. The procedure is illustrated by a $Z = 40$ magnetic quadrupole transition calculation. "The author thanks A. I. Akhiezer for his interest in the work and valuable remarks." Orig. art. has: 43 formulas.

Card 1/2

L 2699-66

ACCESSION NR: AP5024123

3

ASSOCIATION: Fizyko-tekhnichnyy instytut AN URSR, Khar'kov (Physics-
Engineering Institute, AN Ukr. SSR) 44/55

SUBMITTED: 09Nov64

ENCL: 00

SUB CODE: NP

NO REF SOV: 002

OTHER: 004

Card ^{RC} 2/2

ACC NR: AP6000748

SOURCE CODE: UR/0386/65/002/009/0451/0454

AUTHOR: Boldyshev, V. F. ^{44, 55}

ORG: none

TITLE: Correlation of internal-conversion electron polarization ^{21, 44, 55}

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 2, no. 9, 1965, 451-454

TOPIC TAGS: correlation function, electron polarization, conversion electron spectrum

ABSTRACT: Although calculation of the correlation function that determines the polarization state of internal-conversion electrons emitted in nuclear cascade transitions, with exact account of the Coulomb field of the nucleus, is a rather complicated problem, the author shows that by using the Furry-Sommerfeld-Amaue approximation it is possible to obtain for the polarization-dependent particle parameters, by relatively simple means, formulas that can be readily reduced to numerical form. The method is used to calculate in this approximation the correlation function for a pure multipole transition of the magnetic type and for a pure multipole transition of the electric type. The conditions are determined under which the dependence of the correlation function on the polarization disappears. The relations obtained show that a polarization dependence occurs also in the case of pure multipole transitions, unlike the polarization correlation of spin-1/2 particles produced in nuclear reactions. Author is grateful to A. I. Akhiezer for valuable discussions. Orig. art. has: 8 formulas. ^{44, 55}

SUB CODE: 20/
Cord 1/1 ^(44, 55)

SUBM DATE: 17Sep65/

ORIG REF: 001/ OTH REF: 002

BOLDYSHEVA, G.M.

BAGDASAROV, A.A., professor; VINOGRAD-FINKEL', E.R., professor; AKSENOVA, O.V.; BOGOYAVLENSKAYA, M.P.; BOLDYSHEVA, G.M.; RODINA, R.I.; SKOPINA, S.B. (Moskva)

Use of concentrated leukocyte in the treatment of chronic radiation sickness. Klin.med.33 no.6:28-40 Je '55. (MLRA 8:12)

1. Chlen-korrespondent AMN SSSR (for Bagdasarov)
(RADIATION SICKNESS, ther.
leukocytes)
(BLOOD TRANSFUSION,
leukocytes in ther. of radiation sickness)
(LEUKOCYTES, Ther use
radiation sickness)

COUNTRY	: USSR	R
CATEGORY	: Diseases of Farm Animals. General Problems	
ABD. JOUR.	: VETBiol., No.13,1956, No. 59681	
AUTHOR	: <u>Boldysheva, M. N.</u>	
INST.	: Scientific Research Institute of Agriculture*	
TITLE	: Experience in the Application of Antibiotics in Fur Animal Breeding	
ORIG. PUB.	: Byul. nauchno-tekhn. inform. n.-i. In-ta s. kh. Krayn. Severa, 1957, No 3, 14-15	
ABSTRACT	: Good results obtained from the application of biomyacin for prophylaxis in gastrointestinal diseases of the young of mink and arctic foxes are reported.	

* of the Extreme North

Card: 1/1

KRESTINA, Irina Fedorovna; ~~BOLDYSHEVA, Margatira Nikolayevna;~~
FEDOTOVSKIY, A.P., red.; SYCHEVA, V.A., tekhn. red.

[Fur farmers on the "Tundra" Collective Farm] Zverovody
kolkhoza "Tundra". Murmansk, Murmanskoe knizhnoe izd-vo
1961. 33 p. (MIRA 16:6)
(Murmansk Province--Fur farming)

AUTHORS: Petrov, B.A., Boldysheva, N.I. 30V-101-58-5-3/10

TITLE: The Cleaning of the Gases of Revolving Furnaces by Electrofilters (Ochistka gazov vrashchayushchikhsya pechey pri pomoshchi elektrofilitrov)

PERIODICAL: Tsement, 1958, Nr 5, pp 11-17 (USSR)

ABSTRACT: Before 1956 the gases in USSR cement plants were not cleaned. Now in the Timlyuyskiy tsementnyy zavod (Timlyuyskiy Cement Plant) an electrofilter with an active cross section of 49 m² has been installed in every furnace. The productivity is 132,600 - 148,780 m³/h of gas. The dust content at the entrance of the filter is 55.2 - 16.1 g/m³, at the exit 1.21 - 0.37 g/m³. The degree of cleaning is 95 - 98%. In the Serebryakovskiy tsementnyy zavod (Serebryakovskiy Cement Plant) a vertical two-section one-pole electrofilter type DVP-2x25 with an active cross section of 50 m² has been installed. Its productivity is 280,700 - 298,400 m³/h. The dust content of the gas is reduced from 19.8 - 33.1 to 5.7 - 8.2 g/m³. The dust collected per hour amounts to 2,580 - 4,680 kg. The degree of cleaning is 70 - 79%. In the Rustavskiy tsementnyy zavod (Rustavi Cement Plant), electrofilters with 52 m² cross section have been installed for every 20-ton furnace. The productivity is 180,000 - 219,000 m³/h. The dust collect-

Card 1/2

SOV-101-58-5-3/10

The Cleaning of the Gases of Revolving Furnaces by Electrofilters

ed per hour amounts to 2,300 - 3,800 kg. The degree of cleaning is 70 - 80%. Data on the vertical filters is given in Table 1. In the Leningrad Cement Plant a horizontal three-pole two-section electrofilter type GP-43-3 is in use (Figure 4). The degree of cleaning is 98.2%. The dust content has been cut from 19.4 - 28.1 g/m³ to 0.15 g/m³. The described filters have several drawbacks: the electrode frames are not rigid enough; the method of dust collection ensures no continuity of operation; there is no automatic control; there is no signalization between the filter and the furnace head. There are 4 diagrams and 2 tables.

1. Cement--Processing 2. Gases--Cleaning 3. Electric
filters--Applications

Card 2/2

PETROV, B.A., kand.tekhn.nauk; YURGANOV, N.N., kand.tekhn.nauk;
YEL'TSOV, Ye.V., inzh.; BOLDYSHEVA, N.I., inzh.; PRATMAN, L.S.,
inzh.; SAFONOV, N.A., inzh.

Pneumatic method of feeding into a kiln beyond a continuous
curtain of dust caught by electric filters. TSement 30
no. 2:17-19 Mr-Ap '64. (MIRA 17:5)

1. Vsesoyuznyy gosudarstvennyy nauchno-issledovatel'skiy i
proyektnyy institut tsementnoy promyshlennosti i Yemanzhelinskiy
tsementno-shiferunnyy kombinat.

TRUSHLYAKOV, V.P.; BEREZHINSKIY, A.I.; SPIVAK, M.Ya.; FINGOYEYEV, I.A.;
LIPETS, A.U.; AYZEN, B.G.; KOSTOVETSKIY, D.L.; BOLDZHI, K.I.;
YAMPOL'SKIY, S.L.; FEDOTOV, D.K.; KIRILLOV, I.I.; OSHEROV, S.Ya.;
FYSIN, V.A.; OGLOBLIN, G.A.; KANAYEV, A.A.; BULEGA, S.S.;
BORUKHMAN, V.A.; IOEL'SON, V.I.

Inventions. Energ. i elektrotekh. prom. no.3:48-49 JI-S '64.
(MIRA 17:11)

BOLDZHIU, MARIYA

137-1958-2-2356

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 22 (USSR)

AUTHORS: Negresku Trayan Tr., Boldzhiu, Mariya

TITLE: Experimental Investigations of the Oxidizing Ability of Converter Slags (Eksperimental'nyye issledovaniya okislitel'noy sposobnosti peredel'nykh shlakov)

PERIODICAL: Zh. metallurgii, 1956, Vol 1, pp 5-28

ABSTRACT: A study is made of the equilibrium of slags at 1550-1650° in a furnace atmosphere devoid of any metallic Fe. The oxidizing ability of $\text{SiO}_2\text{-MgO-(Fe oxides)}$ and $\text{SiO}_2\text{-CaO-MgO-(Fe oxides)}$ molten slags was determined at 1550° and 1650°. Equations were worked out whereby the ratio of the number of gram-moles of Fe_2O_3 to the quantity of the other components of an $\text{SiO}_2\text{-MgO-(Fe oxides)}$ slag could be computed; the equations applied to $\text{SiO}_2\text{-CaO-MgO-(Fe oxides)}$ slags, also. It was thus made clear that the addition of CaO exerted no influence on the equilibrium of FeO and Fe_2O_3 in the abovementioned slag system. On the basis of the experiments and calculations performed it was assumed that there existed in the molten slags groupings which in chemical composition corresponded to the eutectics. Within a

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137-1958-2-2356

Experimental Investigations of the Oxidizing Ability (cont.)

broad range of temperatures the groupings were stable insofar as the chemical action of certain substances was concerned (SiO and the like) and they lost their individuality only at the moment of solidification, having formed stable phases at the respective temperatures.

N.V.

1. Slags--Oxidation 2. Equilibrium--Analysis

Card 2/2

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EXCERPTA MEDICA Sec 14 Vol. 10/10 RADIOLOGY OCT 50

1759. BOLEČEK O. Tbc. Odd. OÚNZ, Praha. *Případ dilatace jícnu u 15 letého děvčete zachycený při náhodné skiaskopii hrudníku. A case of dilatation of the oesophagus in a girl of 15 diagnosed on the occasion of accidental chest screening ROZHL. TUBERK. 1955, 15/9 (412-414) Illus. 4

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~~Source: Given Name~~

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Editorial board (Redakční rada) of Ročník v tuberkulóze a v nemocich plicních, Prague

Source: Prague, Ročník v tuberkulóze a v nemocich plicních, No 5, May 61, pp 336-339

Data: "Doctors and the Communist Party--On the Occasion of the 40th Anniversary of the Founding of the Czechoslovak Communist Party."

BOLECEK, O.

5

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TOMANEK, A; BOLECEK, O., MD; KRUML, J; ROUBKOVA, H;
PREBOROVSKI, F., MD.

1. Research Institute of Tuberculosis (Vyzkumny ustav tuberkulose), Prague; 2. Tuberculosis Ward of the Hospital OUNZ (Tuberkulozni oddeleni nemocnice OUNZ), Liberec (for Bolecek); 3. Pathological-anatomical Ward UDL (Patologicko-anatomicke oddeleni nemocnice), Prague-Bulovec; 4. Pathological-anatomical Ward UDL (Patologicko-anatomicke oddeleni nemocnice), Prague; 5. Tuberculosis Ward UVN (Tuberkulozni oddeleni UVN), Prague (for Preborovsky)

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CZECHOSLOVAKIA

UDC 616.24-006.6-039-073.75

BOLECEK, O.; Okresni Institute of National Health (OUNZ), Liberec, Department of Tuberculosis (Tbc-Oddeleni), Head (Vedouci) Dr O. BOLECEK.

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